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## THE SPECIES-GROUP NAMES OF BEES (HYMENOPTERA: APOIDEA, APIFORMES) DESCRIBED FROM CRIMEA, NORTH CAUCASUS, EUROPEAN PART OF RUSSIA AND URAL. PART I. FAMILIES COLLETIDAE AND HALICTIDAE

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An annotated list of 54 species-group names of bees from 9 genera of families Colletidae and Halictidae described by twelve authors from Crimea, North Caucasus, European part of Russia and Ural in 1852–2015 is given. Of them 26 species and two subspecies are valid. For each taxon the data about the types and their depository, current taxonomic status and distribution are given. Lectotypes are designated here for the following six nominal taxa: *Colletes floralis* Eversmann, 1852, *Prosopis leptcephala* Morawitz, 1871, *Halictus coloratus* Morawitz, 1874, *H. meridionalis* Morawitz, 1874, *H. cephalicus* Morawitz, 1874, and *H. riparius* Morawitz, 1874.

KEY WORDS. Bees, Apiformes, fauna, taxonomy, Palaearctic Region.

М. Ю. Прощалыкин<sup>1)</sup>, Ю. В. Астафурова<sup>2)</sup>. Таксоны пчёл (Hymenoptera: Apoidea, Apiformes), описанные из Крыма, Северного Кавказа, европейской части России и Урала. Часть I. Семейства Colletidae и Halictidae // Дальневосточный энтомолог. 2016. N 312. С. 1-20.

Приведен аннотированный список 54 названий видовой группы пчел из 9 родов семейств Colletidae и Halictidae, описанных 12 авторами из Крыма, Северного Кавказа, европейской части России и Урала в 1852–2015 гг. Из них

26 видов и 2 подвида являются валидными. Для каждого таксона даны сведения о типе и месте его хранения, современном таксономическом положении и распространении. Обозначены лектотипы для 6 видов: *Colletes floralis* Eversmann, 1852, *Prosopis leptocephala* Morawitz, 1871, *Halictus coloratus* Morawitz, 1874, *H. meridionalis* Morawitz, 1874, *H. cephalicus* Morawitz, 1874 и *H. riparius* Morawitz, 1874.

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## INTRODUCTION

This paper continues the study of the bees described from Russia that started in 2013 with the fauna of Siberia (Proshchalykin & Lelej, 2013) and Far East (Proshchalykin, 2014a, b). The goal of the present paper is to review of the bees described from European part of Russia including Crimea, North Caucasus, and Ural (Fig. 1).

During 163 years (1852–2015) of extensive work by twelve entomologists 54 nominal names have been proposed for 26 species and two subspecies of bees of families Colletidae and Halictidae from Crimea, North Caucasus, European part of Russia and Ural. Most taxa have been described by F. Morawitz (18 species / twelve of which are still valid), E. Eversmann (13/7) and P. Blüthgen (10/3). During last decade only one species and one subspecies of halictid bees have been described from this area (Astafurova, 2011; Pauly *et al.*, 2015).

Acronyms for the collections where specimens are deposited as follows: IZKP – Institute of Systematic and Experimental Zoology, Polish Academy of Sciences, Krakow, Poland; MNHU – Museum für Naturkunde an der Humboldt Universität zu Berlin, Germany; OOLM – Oberösterreichisches Landesmuseum, Linz, Austria; RBIB – Royal Belgian Institute of Natural Sciences, Brussels, Belgium; ZISP – Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia; ZMMU – Zoological Museum of the Moscow State University, Russia. The classification of bees follows Michener (2007) and Pesenko (2007b). If the nominal taxa are synonymised, the distribution is given for valid taxa.

## LIST OF SPECIES

### Family Colletidae Subfamily Colletinae

#### *Colletes anceps* Radoszkowski, 1891

*Colletes anceps* Radoszkowski, 1891: 256, ♀, ♂ (syntypes: ♀♀, ♂♂, “le littoral du nord de la mer Caspienne” [Dagestan Republic, Russia], ?IZKP).

CURRENT STATUS. Valid (Kuhlmann & Proshchalykin, 2014).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Iran, Pakistan, Central Asia, Kazakhstan, China (Xinjiang) (Proshchalykin & Kuhlmann, 2015a).

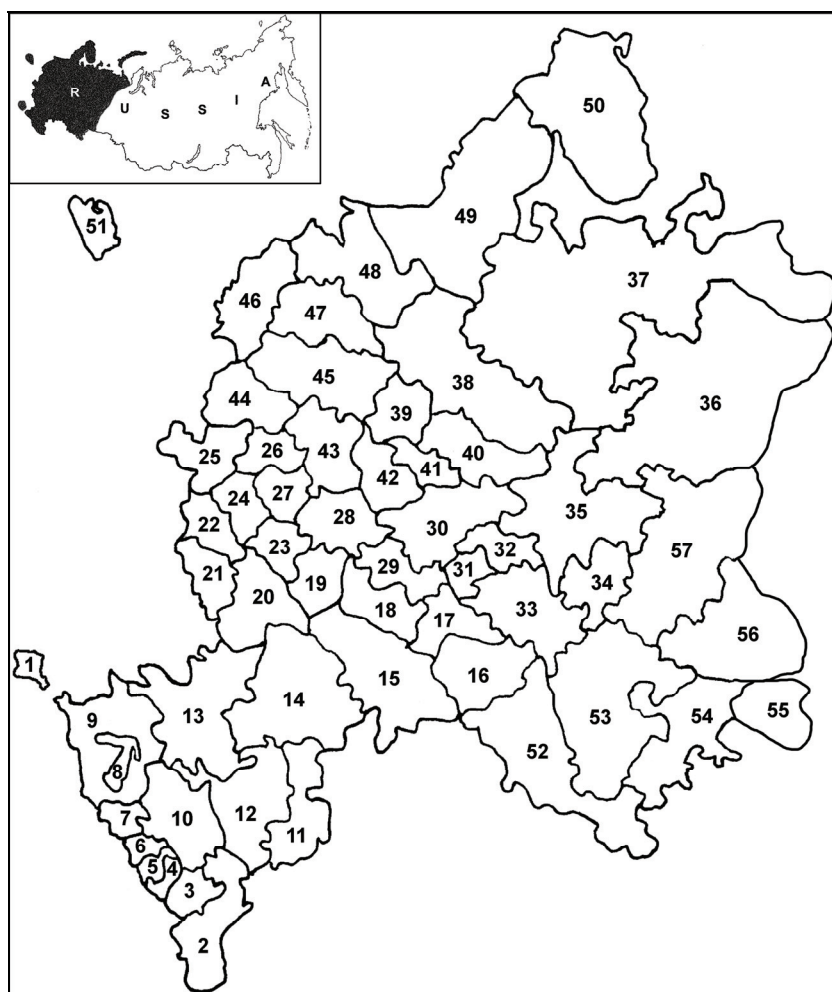


Fig. 1. Administrative maps of European part of Russia including Ural. 1 – Crimea Rep. (including Sevastopol); 2-10 – North Caucasus (2 – Dagestan Rep., 3 – Chechnya Rep., 4 – Ingushetia Rep., 5 – Severnaya Osetia Rep., 6 – Kabardino-Balkarskaya Rep., 7 – Karachaevo-Cherkessk Rep., 8 – Adygea Rep., 9 – Krasnodar Terr., 10 – Stavropol Terr.); 11-51 – European part (11 – Astrakhan' Prov., 12 – Kalmykia Rep., 13 – Rostov Prov., 14 – Volgograd Prov., 15 – Saratov Prov., 16 – Samara Prov., 17 – Ul'yanovsk Prov., 18 – Penza Prov., 19 – Tambov Prov., 20 – Voronezh Prov.; 21 – Belgorod Prov., 22 – Kursk Prov., 23 – Lipetsk Prov., 24 – Orel Prov., 25 – Bryansk Prov., 26 – Kaluga Prov., 27 – Tula Prov., 28 – Ryazan Prov., 29 – Mordovia Rep., 30 – Nizhegorodskaya Prov., 31 – Chuvash Rep., 32 – Mary El Rep., 33 – Tatarstan Rep., 34 – Udmurtia Rep., 35 – Kirov Prov., 36 – Komi Rep. 37 – Arkhangelsk Prov., 38 – Vologda Prov., 39 – Yaroslavl Prov., 40 – Kostroma Prov., 41 – Ivanovo Prov., 42 – Vladimir Prov., 43 – Moscow Prov., 44 – Smolensk Prov., 45 – Tver Prov., 46 – Pskov Prov., 47 – Novgorod Prov., 48 – Leningradskaya Prov., 49 – Karelia Rep., 50 – Murmansk Prov., 51 – Kaliningrad Prov.; 52-57 – Ural (52 – Orenburg Prov., 53 – Bashkortostan Rep., 54 – Chelyabinsk Prov., 55 – Kurgan Prov., 56 – Sverdlovskaya Prov., 57 – Perm' Terr.).

***Colletes caspius* Morawitz, 1874**

*Colletes caspius* Morawitz, 1874: 174, ♀ (lectotype: ♀, designated by Proshchalykin & Kuhlmann, 2015b: 544, Fan, Dagestan Republic, Russia, ZISP).

CURRENT STATUS. Valid (Kuhlmann & Proshchalykin, 2014).

DISTRIBUTION. Russia: Crimea, North Caucasus (Dagestan Rep.), European part (north to 55°), Ural (Chelyabinsk Prov.), Siberia (east to Tyva Rep.); Europe, Azerbaijan, Turkmenistan, Tajikistan, Kazakhstan (Proshchalykin & Kuhlmann 2015a).

***Colletes floralis* Eversmann, 1852**

*Colletes floralis* Eversmann, 1852: 46, ♀, ♂ (lectotype: ♂, designated here // Spask [Orenburg Prov.: Spasskoe] // *Colletes floralis* Ev., male, Cotype et topotype, Eversmann's coll. // Syn.: *C. montanus* Mor., male, Blüthgen det. 1930 // lectotype *Colletes floralis* Eversmann, 1852 design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP).

CURRENT STATUS. Valid (Kuhlmann & Proshchalykin, 2014).

DISTRIBUTION. Russia: North Caucasus (Severnaya Osetia Rep.), European part (north to Karelia Rep.), Ural, Siberia and Far East); Europe, Georgia, Turkey, Iran, Central Asia, Kazakhstan, Mongolia, Japan, India (Proshchalykin & Kuhlmann, 2015a).

REMARK. The species was described from the specimens of both sexes collected in “prov. Orenburg., Saratov. et Astrachanensi” [Orenburg Prov., Saratov Prov. and Astrakhan' Prov.]. There are five specimens in ZISP, which corresponds to the original description of Eversmann. One of this specimens (male) is designated here as a lectotype of *Colletes floralis* (Fig. 2).

***Colletes lebedewi* Noskiewicz, 1936**

*Colletes lebedewi* Noskiewicz, 1936: 163–166, plate III, fig. 6, ♀, ♂ (syntypes: ♀♀, ♂♂, “Aleschki (Kherson)”, “Cosen Os (Kherson)” [Ukraine], “Krim” [Crimea] or “Suchum (Südwestkaukasus)” [southwestern Caucasus, Abkhazia]).

CURRENT STATUS. A junior synonym of *Colletes maidli* Noskiewicz, 1936 (Proshchalykin & Kuhlmann, 2012: 12).

DISTRIBUTION. Russia: Crimea, North Caucasus (Krasnodar Terr.), European part (Volgograd Prov., Astrakhan' Prov.); Europe, Georgia, Azerbaijan, Cyprus, Turkey, Syria, Israel, Iran, Kazakhstan, Egypt (Proshchalykin & Kuhlmann, 2015a).

***Colletes mlokoszewiczi* Radoszkowski, 1891**

*Colletes mlokoszewiczi* Radoszkowski, 1891: 254, ♀, ♂ (syntypes: ♀♀, ♂♂, Orenburg, Caucasus, Persia, ?IZKP).

CURRENT STATUS. Valid (Kuhlmann & Proshchalykin, 2014).

DISTRIBUTION. Russia: Crimea, North Caucasus (Dagestan Rep.), European part (north to Kursk Prov.), Ural (Orenburg Prov.); Europe, Georgia, Azerbaijan, Central Asia, Kazakhstan (Proshchalykin & Kuhlmann, 2015a).

#### **Subfamily Hylaeinae**

##### ***Hylaeus brunnescens* Eversmann, 1852**

*Hyaleus brunnescens* Eversmann, 1852: 34, 36, ♀ (lectotype: ♀, designated by Pesenko, 1984: 19, Russia: “Orb.” [Orenburg], ZISP).

CURRENT STATUS. Valid, as *Halictus brunnescens* (Eversmann, 1852) (Pesenko, 1984: 19).

DISTRIBUTION. Russia: south of European part, Siberia; Europe, Iran, Pakistan, Afghanistan, Central Asia, China (Xinjiang, Qinghai, Inner Mongolia, Ningxia Hui), North Africa, India (Pesenko, 2007b).

##### ***Hylaeus fulvicrus* Eversmann, 1852**

*Hylaeus fulvicrus* Eversmann, 1852: 33, 35, 39, ♀, ♂ (lectotype: ♀, designated by Pesenko, 1986: 126, Russia: “Spask” [Orenburg Prov.: Spasskoe], ZISP).

CURRENT STATUS. A senior synonym of *Lasioglossum xanthopus* (Kirby, 1802) (Blüthgen, 1931a: 209).

DISTRIBUTION. Russia: European part; Europe, Caucasus, Pakistan, Iran, Central Asia, Mongolia, China (Xizang), North Africa (Pesenko, 2007b).

##### ***Hylaeus mucoreus* Eversmann, 1852**

*Hylaeus mucoreus* Eversmann, 1852: 35, 44, ♀ (lectotype: ♀, designated by Ebmer, 1975: 162, Russia: “Orenburg”, MNHU).

CURRENT STATUS. Valid, as *Seladonia mucorea* (Eversmann, 1852) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), southern Ural; Ukraine, Iran, Afghanistan, Central Asia (Morawitz, 1874; Warncke, 1982).

##### ***Hyaleus rostratus* Eversmann, 1852**

*Hyaleus rostratus* Eversmann, 1852: 38, ♀ (lectotype: ♀, designated by Pesenko, 1986: 138, “Spask” [Orenburg Prov.: Spasskoe], Eversmann’s coll., ZISP).

CURRENT STATUS. Valid, as *Lasioglossum rostratum* (Eversmann, 1882) (Pesenko, 1986: 138).

DISTRIBUTION. Russia: Ural (Orenburg Prov., Chelyabinsk Prov.), Siberia, Far East; Kazakhstan, Mongolia, China (Xinjiang, Gansu, Qinghai, Shanxi, Shaanxi, Beijing, Hebei, Liaoning) (Pesenko, 2007b).



Figs 2–7. Labels of the lectotypes designated in this paper. 2 – *Colletes floralis* Eversmann, 1852; 3 – *Prosopis leptocephala* Morawitz, 1871; 4 – *Halictus cephalicus* Morawitz, 1874; 5 – *H. meridionalis* Morawitz, 1874; 6 – *Halictus coloratus* Morawitz, 1874; 7 – *H. riparius* Morawitz, 1874.

### ***Hyaleus rubellus* Eversmann, 1852**

*Hyaleus rubellus* Eversmann, 1852: 34, 40, ♀ (lectotype: ♀, designated by Pesenko, 2007a: 102, Russia: «Orb» [Orenburg], Eversmann's coll., ZISP).

**CURRENT STATUS.** A junior synonym of *Evyllaes calceatus* (Scopoli, 1763) (Strand, 1921: 274).

**DISTRIBUTION.** Russia: European part, Siberia, Far East; Europe, Mongolia, China (Gansu, Heilongjiang), North Korea, Japan (Pesenko, 2007b).

***Hylaeus rugicollis* Morawitz, 1874**

*Hylaeus rugicollis* Morawitz, 1874: 177, ♀ (holotype: ♀, Derbent, Dagestan Republic, Russia, ZISP).

CURRENT STATUS. Valid (Warncke, 1972).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Europe, Caucasus (Dathe, 1980).

***Hyaleus senilis* Eversmann, 1852**

*Hyaleus senilis* Eversmann, 1852: 33, 34, 38, ♀ (lectotype: ♀, designated by Pesenko, 1984: 26, Russia: «Orb» [Orenburg], ZISP).

CURRENT STATUS. Valid, as *Halictus senilis* (Eversmann, 1882) (Pesenko, 1984: 26).

DISTRIBUTION. Russia: south-eastern of European part; Europe, Caucasus, Pakistan, Afghanistan, Iran, Central Asia, Kazakhstan, Mongolia, China (Xinjiang, Gansu, Inner Mongolia, Yunnan), North Africa (Pesenko, 2007b).

***Prosopis ciliata* Eversmann, 1852**

*Prosopis ciliata* Eversmann, 1852: 53, ♀, ♂ (syntypes: ♀♀, ♂♂, “prov. Orenburg, Casan et Simbirscensi” Orenburg Prov., Tatarstan Republic, Ul’yanovsk Prov., Russia, ?ZISP).

CURRENT STATUS. A junior synonym of *Hylaeus communis* Nylander, 1852 (Dathe, 1980: 259).

DISTRIBUTION. Russia: European part (north to Ul’yanovsk Prov.), Ural, Siberia (Altai); Europe, Caucasus, Iran, North Africa (Proshchalykin & Dathe, 2012, 2016).

***Prosopis difformis* Eversmann, 1852**

*Prosopis difformis* Eversmann, 1852: 52, ♀, ♂ (syntypes: ♀♀, ♂♂, “prov. Orenburg, Casan et Simbirscensi” [Orenburg Prov., Tatarstan Rep., Ul’yanovsk Prov.], ?ZISP).

CURRENT STATUS. Valid as *Hylaeus difformis* (Eversmann, 1852) (Dathe, 1980).

DISTRIBUTION. Russia: European part, Ural, Siberia, Far East; Europe, China (Sichuan, Xizang), North Africa (Proshchalykin & Dathe, 2012).

***Prosopis distans* Eversmann, 1852**

*Prosopis distans* Eversmann, 1852: 54, ♀, ♂ (syntypes: ♀♀, ♂♂, “in provinciis Orenburgensi et Casanensi” [Orenburg Prov., Tatarstan Republic], ?ZISP).

CURRENT STATUS. A junior synonym of *Hylaeus dilatatus* (Kirby, 1802) (Proshchalykin & Dathe, 2012: 17).

DISTRIBUTION. Russia: European part, Siberia; Europe, Caucasus, Asia Minor, Kazakhstan, North Africa (Proshchalykin & Dathe, 2012, 2016).

***Prosopis laevigata* Eversmann, 1852**

*Prosopis laevigata* Eversmann, 1852: 53, ♀, ♂ (syntypes: ♀♀, ♂♂, “prov. Orenburg, Casan et Simbirscensi” [Orenburg Prov., Tatarstan Rep., Ul’yanovsk Prov.], ?ZISP).

CURRENT STATUS. A junior synonym of *Hylaeus nigrinus* (Fabricius, 1798) (Dathe, 1980: 265).

DISTRIBUTION. Russia: European part, Ural; Europe, Caucasus, Asia Minor, Iran, North Africa (Proshchalykin & Dathe, 2012).

***Prosopis leptcephala* Morawitz, 1871**

*Prosopis leptcephala* Morawitz, 1871: 324, ♀, ♂ (lectotype: ♀, designated here // 6562 // Sarepta, Gov. Saratov, Becker, 1868, handwritten by F. Morawitz // *Prosopis leptcephala*, F. Mor., female, Cotype, handwritten by F. Morawitz // lectotype *Prosopis leptcephala* Morawitz, 1871, design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP).

CURRENT STATUS. Valid as *Hylaeus leptcephalus* Morawitz, 1871 (Proshchalykin & Dathe, 2012).

DISTRIBUTION. Russia: European part, Siberia, Far East; Asia Minor, Europe (Proshchalykin & Dathe, 2012).

REMARK. The species was described from the specimens of both sexes collected in “Gubernio Saratov” [now Saratov Prov. and parts of Volgograd Prov., and Penza Prov.]. There are four specimens in ZISP from this locality, which corresponds to the original description of Morawitz. One of this specimens (female) is designated here as a lectotype of *Prosopis leptcephala* (Fig. 3).

***Prosopis patellata* Eversmann, 1852**

*Prosopis patellata* Eversmann, 1852: 52, ♀, ♂ (syntypes: ♀♀, ♂♂, “in prov. Orenburgensi” [Orenburg Prov.], ?ZISP).

CURRENT STATUS. A junior synonym of *Hylaeus annulatus* (Linnaeus, 1758) (Dalla Torre, 1896: 16).

DISTRIBUTION. Russia: European part, Ural, Siberia, Far East; North Europe, North America (Proshchalykin & Dathe, 2012).

**Family Halictidae**  
**Subfamily Rophitinae**

***Dufourea coeruleocephala* Morawitz, 1872**

*Dufourea coeruleocephala* Morawitz, 1872: 61, ♂ (lectotype: ♂, designated by Pesenko, 1998: 677, “Astrachan” [Astrakhan’], F. Morawitz’s coll., ZISP).

CURRENT STATUS. Valid (Astafurova, 2014).

DISTRIBUTION. Russia: European part (Belgorod Prov., Rostov Prov., Astrakhan’ Prov.); Ukraine (Astafurova, 2014).



***Rophites cana* Eversmann, 1852**

*Rophites cana* Eversmann, 1852: 60, ♂ (lectotype: ♂, designated by Pesenko & Astafurova, 2006: 338, «Spask» [Orenburg Prov.: Spasskoe], Eversmann's coll., ZISP).

CURRENT STATUS. Valid, as *Rhophitoides canus* (Eversmann, 1852) (Astafurova, 2014).

DISTRIBUTION. Russia: European part (north to 58–59°), Siberia (east to Buryatia Rep.); Europe, Caucasus, Turkey, Iran, Central Asia, Mongolia, China (Xinjiang), North Korea (Astafurova, 2014).

***Rophites clypealis stepposus* Astafurova, 2011**

*Rophites clypealis stepposus* Astafurova, 2011: 643, ♀, ♂ (holotype: ♂, Russia: Astrakhan' Prov., Baskunchak Lake, 8–13.VI.2004, leg. S.A. Belokobyl'skij, ZISP).

CURRENT STATUS. Valid (Astafurova, 2014).

DISTRIBUTION. Russia: Crimea, European part (Astrakhan' Prov.); Bulgaria, Ukraine, Kazakhstan (Astafurova, 2014).

**Subfamily Nomioidea**

***Nomioides jucunda* Morawitz, 1874**

*Nomioides jucunda* Morawitz, 1874: 161, ♀ (type locality: “Nizza” [France], “Derbent” [Dagestan Republic], lectotype: ♀, designated by Pesenko, 1983: 180, “Nizza” [Nice, France, ZISP).

CURRENT STATUS. A junior synonym of *Ceylalictus variegatus* (Olivier, 1789) (Handlirsch, 1888: 403).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Europe (north to Austria), Mongolia, China (Gansu), North Africa, North India (Pesenko, 2005b).

**Subfamily Halictinae**

***Halictus aeneidorsum* Alfken, 1920**

*Halictus aeneidorsum* Alfken, 1920: 87, ♀, ♂ (syntypes: 1 ♀, 1 ♂, “Kurische Nehrung und Althausen bei Kulm” [Kaliningrad Prov.], MNHU).

CURRENT STATUS. A junior synonym of *Evylaeus nitidulus* (Fabricius, 1804) (Pesenko *et al.*, 2000: 297).

DISTRIBUTION. Russia: European part, Ural; Europe (Pesenko *et al.*, 2000).

***Halictus bicallosus* Morawitz, 1874**

*Halictus bicallosus* Morawitz, 1874: 166, ♀ (lectotype: ♀, designated by Pesenko, 1986: 124, «Derbent» [Dagestan Republic], ZISP).

CURRENT STATUS. Valid, as *Lasioglossum baicallosus* (Morawitz, 1874) (Pesenko, 1986).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Southeastern Europe, Caucasus, Near East, Asia Minor (Pesenko, 1986).

***Halictus brevicornis aciculatus* Blüthgen, 1930**

*Halictus brevicornis* ssp. *aciculatus* Blüthgen, 1930: 740, 760, ♀, ♂ (syntypes: 2 ♀, “Rossiten, Kurische Nehrung, E. Deutschland” [Kaliningrad Prov.], MNHU).

CURRENT STATUS. A junior synonym of *Evylaeus brevicornis* (Schenck, 1869) (Ebmer, 1988b: 651).

DISTRIBUTION. Russia: European part (east to Udmurtia Rep.); Europe, Israel, Asia Minor, Iran, Afghanistan, North Africa (Warncke, 1982; Sitdikov, 1986).

***Halictus caspicus* Morawitz, 1874**

*Halictus caspicus* Morawitz, 1874: 164, ♀ (lectotype: ♀, designated by Pesenko, 1986: 124, “Derbent” [Dagestan Republic], ZISP).

CURRENT STATUS. Valid, as *Lasioglossum caspicum* (Morawitz, 1874) (Pesenko, 1986).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Caucasus, Near East, Asia Minor, Afghanistan, Turkmenistan (Pesenko, 1986).

***Halictus cephalicus* Morawitz, 1874**

*Halictus cephalicus* Morawitz, 1874: 173, ♀ (lectotype: ♀, designated here // gold circle // Derbent [Dagestan Republic], handwritten by F. Morawitz // *cephalicus* Mor. Typ., handwritten by F. Morawitz // Syntype // lectotype *Halictus cephalicus* Morawitz, 1874, design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP)

CURRENT STATUS. Valid, as *Seladonia cephalica* (Morawitz, 1874) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), European part (Rostov Prov.); Southeastern Europe, Caucasus, Asia Minor, Syria, Israel, Iraq, Iran, Afghanistan (Morawitz, 1874; Warncke, 1982; Ebmer, 1988a).

REMARK. The species was described from the females collected in “Derbent, Bacu” [Dagestan Rep., Russia and Baku, Azerbaijan]. There are eight females in ZISP from “Derbent”, which corresponds to the original description of Morawitz. One of this female is designated here as a lectotype of *Halictus cephalicus* (Fig. 4).

***Halictus coloratus* Morawitz, 1874**

*Halictus coloratus* Morawitz, 1874: 167, ♀ (lectotype: ♀, designated here // “Derbent” [Dagestan Republic], handwritten by F. Morawitz // F. Morawitz’s coll. // *Halictus coloratus* Mor., handwritten by F. Morawitz // Syntype // lectotype *Halictus coloratus* Morawitz, 1874, design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP).

CURRENT STATUS. A junior synonym of *Evylaeus mandibularis* (Morawitz, 1866) (Blüthgen, 1931a: 212).

DISTRIBUTION. See *Halictus mandibularis*.

REMARK. The species was described from the females collected in “Derbent” [Dagestan Republic]. There are two females in ZISP, which corresponds to the original description of Morawitz. One of this specimens is designated here as a lectotype of *Halictus coloratus* (Fig. 6). The lectotype is conspecific with *Evyllaes mandibularis* (Morawitz, 1866).

***Halictus convexiusculus samaricus* Blüthgen, 1935**

*Halictus convexiusculus* ssp. *samaricus* Blüthgen, 1935: 113, 118, ♂ (holotype: ♂, Russia: “Nikolajewsk (Gouv. Samara)” [Saratov Prov.: Pugachev], ZMMU, ?lost, see Ebmer, 1988b: 675).

CURRENT STATUS. Valid, as *Evyllaes samaricus* (Blüthgen, 1935) (Pesenko, 2007b).

DISTRIBUTION. Russia: Crimea, European part (Saratov Prov.); Southeastern Europe, Asia Minor, Turkmenistan (Ebmer, 1988b).

***Halictus eurygnathopsis* Blüthgen, 1936**

*Halictus eurygnathopsis* Blüthgen, 1936: 293, ♂ (holotype: ♂, Russia: Sochi [Krasnodar Prov.], MNHU).

CURRENT STATUS. A junior synonym of *Halictus compressus* (Walckenaer, 1802) (Pesenko, 1985: 93).

DISTRIBUTION. Russia: south of European part, southern Ural, Siberia (east to Irkutsk Prov.); Europe, Caucasus, Near East, Asia Minor, Central Asia, China (Xizang) (Pesenko, 2007b).

***Halictus fallax* Morawitz, 1874**

*Halictus fallax* Morawitz, 1874, 163, ♀ (lectotype: ♀, designated by Pesenko, 1986: 131, “Derbent” [Dagestan Republic], F. Morawitz’s coll., ZISP).

CURRENT STATUS. Valid, as *Lasioglossum fallax* (Morawitz, 1874) (Pesenko, 1986).

DISTRIBUTION. Russia: south of European part; Caucasus, Asia Minor, Iran, Afghanistan, Central Asia, Mongolia (Pesenko, 1986).

***Halictus gracilis* Morawitz, 1865**

*Halictus gracilis* Morawitz, 1865: 77, ♀, ♂ (lectotype: ♀, designated by Pesenko, 2007a: 108, “Petrop[olis]” [St. Petersburg], ZISP).

CURRENT STATUS. A junior synonym of *Evyllaes lucidulus* (Schenck, 1861) (Schenck, 1874: 163).

DISTRIBUTION. Russia: European part; Europe, Near East, Asia Minor, Afghanistan, Pakistan, Central Asia, Mongolia, China (Xizang, Shaanxi), North Africa (Morocco) (Pesenko, 2007b).

***Halictus haesitans* Blüthgen, 1931**

*Halictus haesitans* Blüthgen, 1931b: 348, ♂ (holotype: ♂, Russia: “Temir-chan-schura” [Dagestan Republic], ZISP).

CURRENT STATUS. A junior synonym of *Lasioglossum korbi* (Blüthgen, 1929) (Pesenko, 1986: 123).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Azerbaijan, Asia Minor (Pesenko, 1986).

***Halictus lativentris sotschica* Blüthgen, 1931**

*Halictus lativentris* var. *sotschica* Blüthgen, 1931b: 350, ♂ (holotype: ♂, Russia: Sochi [Krasnodar Prov.], ZISP).

CURRENT STATUS. A junior synonym of *Lasioglossum lativentre* (Schenck, 1853) (Warncke, 1973: 287).

DISTRIBUTION. Russia: European part (east to Udmurtia Rep.); Europe, Asia Minor, Iran (Sitdikov, 1986; Pesenko *et al.*, 2000).

***Halictus malachuroides* Strand, 1909**

*Halictus malachuroides* Strand, 1909: 41, ♂ (holotype: ♂, Crimea: “Sudagh” [Sudak], MNHU).

CURRENT STATUS. A junior synonym of *Evyllaes malachurus* (Kirby, 1802) (Blüthgen, 1926: 395).

DISTRIBUTION. Russia: Crimea, Ural; Europe (north to England), Caucasus, Asia Minor, Israel, Iran, Turkmenistan, North Africa (Warncke, 1982; Ebmer, 1976, 1995; Pesenko *et al.*, 2000).

***Halictus mandibularis* Morawitz, 1866**

*Halictus mandibularis* Morawitz, 1866: 23, ♀ (holotype: ♀, “Sarepta” [Volgograd], F. Morawitz’s coll., ZISP).

CURRENT STATUS. Valid, as *Evyllaes mandibularis* (Morawitz, 1866) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Prov.), European part (Rostov Prov., Volgograd Prov.); Southern Europe, Israel, Asia Minor, Iran, North Africa (Morawitz, 1866, 1874; Pesenko, 1972; Warncke, 1982).

***Halictus meridionalis* Morawitz, 1874**

*Halictus meridionalis* Morawitz, 1874: 170, ♀, ♂ (lectotype: ♀, designated here // Derbent [Dagestan Republic], Becker, handwritten by F. Morawitz // F. Morawitz coll. // *Halictus neridionalis* ♀, ♂ [!], handwritten by F. Morawitz // lectotype *Halictus meridionalis* Morawitz, 1874, design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP).

CURRENT STATUS. A junior synonym of *Seladonia subaurata* (Rossi, 1792) (Blüthgen, 1922: 49).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), Siberia (Altai); Europe (north to 55°), Caucasus, Israel, Asia Minor, Iran, Pakistan, Tajikistan, North Africa, India (Warncke, 1982; Ebmer, 1988a).

REMARK. The species was described from the specimens of both sexes collected in “Derbent” [Dagestan Rep.]. There is only one specimen in ZISP, female, which corresponds to the original description of Morawitz. This specimen is designated here as a lectotype of *Halictus meridionalis* (Fig. 5). The lectotype is conspecific with *Seladonia subaurata* (Rossi, 1792).

### ***Halictus niveocinctus* Blüthgen, 1923**

*Halictus niveocinctus* Blüthgen, 1923a: 325, ♀, ♂ (syntypes: 1 ♀, Kazakhstan: “Baigakum bei Djulek” [near Kzyl-Orda], MNHU; 1 ♂, Turkmenistan: “Saraks” [Serax], Radoszkowski’s coll., MNHU; 1 ♀, Russia: “Astrachan” [Astrakhan’], IZKP).

CURRENT STATUS. Valid, as *Lasioglossum niveocinctum* (Blüthgen, 1923) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), European part (Volgograd Prov., Astrakhan’ Prov.); Central Asia, Mongolia, North China (Pesenko, 1986).

### ***Halictus pallipes* Morawitz, 1865**

*Halictus pallipes* Morawitz, 1865: 72, ♀, ♂ (lectotype: ♀, designated by Pesenko, 2007a: 108, Russia: “Duderhof, VIII, 19” [St. Petersburg, Mozhaitskiy], ZISP).

CURRENT STATUS. A junior synonym of *Evyllaes quadrinotatus* (Schenck, 1861) (Blüthgen, 1919: 78).

DISTRIBUTION. Russia: European part, Siberia; Europe, Asia Minor (Pesenko, 2007).

### ***Halictus permicus* Blüthgen, 1923**

*Halictus permicus* Blüthgen, 1923a: 330, ♂ (lectotype: ♂, designated by Pesenko, 2007a: 117, “Perm” [Perm’ Terr.], IZKP).

CURRENT STATUS. A junior synonym of *Evyllaes ellipticeps* (Blüthgen, 1923) (Ebmer, 1978a: 310).

DISTRIBUTION. Russia: Ural (Perm’ Terr.), Siberia, Far East; Mongolia, North Korea (Pesenko, 2007b).

### ***Halictus ponticus* Blüthgen, 1934**

*Halictus ponticus* Blüthgen, 1934: 58, ♂ (holotype: ♂, Russia: “Ostküste des Schwarzen Meeres: Sotschi” [Krasnodar Terr.: Sochi], MNHU).

CURRENT STATUS. Valid (Pesenko, 2005a).

DISTRIBUTION. Russia: North Caucasus (Krasnodar Terr.); Bosnia, Romania, Asia Minor (Pesenko, 2005a).

***Halictus patellatus* Morawitz, 1874**

*Halictus patellatus* Morawitz, 1874: 162, ♂ (holotype: ♂, “Derbent” [Dagestan Republic], ZISP).

CURRENT STATUS. Valid (Pesenko, 2005a).

DISTRIBUTION. Russia: south of European part; southern Europe, Caucasus, Asia Minor, Iran, Syria, Turkmenistan (Pesenko, 2005a).

***Halictus pulvereus* Morawitz, 1874**

*Halictus pulvereus* Morawitz, 1874: 168, ♀, ♂ (lectotype: ♂, designated by Ebmer, 1988b: 576, “Derbent” [Dagestan Republic], ZISP).

CURRENT STATUS. Valid, as *Seladonia pulvera* (Morawitz, 1874) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.); Cyprus, Turkey, Iran, Afghanistan, Central Asia, Mongolia, China (Gansu) (Pesenko, 2007b).

***Halictus quadricinctus maximus* Friese, 1916**

*Halictus quadricinctus* var. *maximus* Friese, 1916: 29, 30, ♀, ♂ (syntypes: 2 ♀, 1 ♂, Russia: «Sarepta in Süd-Russland» [Volgograd], MNHU).

CURRENT STATUS. A junior synonym of *Halictus brunnescens* (Eversmann, 1882) (Pesenko, 1984: 23).

DISTRIBUTION. See *Hyaleus brunnescens*.

***Halictus riparius* Morawitz, 1874**

*Halictus riparius* Morawitz, 1874: 165, ♀ (lectotype: ♀, designated here // gold circle // Derbent [Dagestan Republic], Christoph, handwritten by F. Morawitz // *riparius* Mor. Typ., handwritten by F. Morawitz // Syntype // lectotype *Halictus riparius* Morawitz, 1874, design. Proshchalykin & Astafurova, 2016, typewritten red label, ZISP).

CURRENT STATUS. A junior synonym of *Evylaeus marginatus* (Brullé, 1832) (Alfken, 1905: 145).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), southeast of European part, Siberia (Altai); Europe, Near East, Pakistan, Central Asia, North Africa, India, Nepal (Pesenko, 1972; Warncke, 1982; Ebmer, 1995, 2004).

REMARK. The species was described from the females collected in “Derbent, Bacu” [Dagestan Rep., Russia and Baku, Azerbaijan]. There are seven females in ZISP from “Derbent”, which corresponds to the original description of Morawitz. One of this female is designated here as a lectotype of *Halictus riparius* (Fig. 7). The lectotype is conspecific with *Evylaeus marginatus* (Brullé, 1832).

***Halictus samarensis* Blüthgen, 1936**

*Halictus samarensis* Blüthgen, 1936: 294, ♀, ♂ (holotype: ♂, Russia: “Nikolaewsk (Gouv. Samara)” [Saratov Prov.: Pugachev], MNHU).

CURRENT STATUS. *Halictus rossicus* Ebmer, 1978 is replacement name for *Halictus samarensis* Blüthgen, 1936, nomen. praeocc., nec Blüthgen, 1926 (Ebmer, 1978b: 105).

DISTRIBUTION. Russia: North Caucasus (Stavropol Terr.), European part (Voronezh Prov., Saratov Prov., Samara Prov.), Ural (Orenburg Prov.); Ukraine, Azerbaijan (Pesenko, 2005a).

***Halictus semitectus* Morawitz, 1874**

*Halictus semitectus* Morawitz, 1874: 172, ♀, ♂ (lectotype: ♀, designated by Pesenko, 2006: 76, “Derbent” [Dagestan Republic], ZISP).

CURRENT STATUS. Valid, as *Seladonia semitecta* (Morawitz, 1874) (Pesenko, 2007b).

DISTRIBUTION. Russia: North Caucasus (Dagestan Rep.), south of European part, South Ural, Siberia, Far East; Europe (west to Germany), Mongolia, China (Xinjiang, Gansu, Neimenggu) (Pesenko, 2007b).

***Halictus sareptanus* Blüthgen, 1923**

*Halictus sareptanus* Blüthgen, 1923a: 290, ♂ (syntypes: 2 ♂, Russia: “Sarepta” [Volgograd], MNHU).

CURRENT STATUS. A junior synonym of *Evyllaenus mandibularis* (Morawitz, 1866) (Blüthgen, 1931a: 212).

DISTRIBUTION. See *Halictus mandibularis*.

***Halictus sudaghensis* Strand, 1909**

*Halictus sudaghensis* Strand, 1909: 55, ♀, ♂ (syntypes: ♀, Crimea: Sudagh [Sudak]; ♂, Italy: Sicily, MNHU).

CURRENT STATUS. A junior synonym of *Evyllaenus truncaticollis* (Morawitz, 1877) (Blüthgen, 1922: 53).

DISTRIBUTION. Russia: Crimea, European part (Volgograd Prov.); Europe, Near East, Kazakhstan, North Africa (Blüthgen, 1923a; Ebmer, 1974, 1988b; Warncke, 1975, 1982).

***Lasioglossum littorale colchicum* Ebmer, 1972**

*Lasioglossum* (*Evyllaenus*) *littorale* ssp. *colchicum* Ebmer, 1972: 259, ♀ (holotype: ♀, Crimea: Evpatoria, MNHU).

CURRENT STATUS. Valid, as *Evyllaenus littoralis colchicus* (Ebmer, 1972) (Pesenko, 2007b).

DISTRIBUTION. Russia: Crimea; Romania, Rhodes Island, Asia Minor (Warncke, 1975; Ebmer, 1976).

***Lasioglossum tauricum* Ebmer, 1972**

*Lasioglossum* (*Evyllaesus*) *tauricum* Ebmer, 1972: 254, ♂ (holotype: ♂, Crimea, Kosmodemyansk, MNHU).

CURRENT STATUS. Valid, as *Evyllaesus tauricus* (Ebmer, 1972) (Pesenko, 2007b).

DISTRIBUTION. Russia: Crimea.

***Seladonia submediterranea* Pauly, 2015**

*Seladonia submediterranea* Pauly in Pauly *et al.*, 2015: 274–277, ♀, ♂ (holotype: ♂, France, Deux-Sevres, Saint Martin-de-Bernegoue, 8.VI.2011, C. Maffre, O. Rollin, RBIB; paratype: ♂, Crimea, Yalta, 8.X.1985, M. Halada, OOLM).

CURRENT STATUS. Valid (Pauly *et al.*, 2015).

DISTRIBUTION. Russia: Crimea; Europe (north to Germany), Iran (Pauly *et al.*, 2015).

***Sphecodes sareptensis* Meyer, 1922**

*Sphecodes sareptensis* Meyer, 1922: 170, ♂ (holotype: ♂, Russia: “Sarepta” [Volgodrad], MNHU).

CURRENT STATUS. A junior synonym of *Sphecodes pinguiusculus* Pérez, 1903 (Bogusch & Straka, 2012: 15).

DISTRIBUTION. Russia: south of European part, Siberia (Tyva Rep., Buryatia Rep.); South Europe, Turkey, Israel, Iran, Central Asia, Mongolia, Cape Verde Islands, North Africa, (Astafurova & Proshchalykin, 2015).

***Sphecodes pilicornis* Meyer, 1922**

*Sphecodes pilicornis* Meyer, 1922: 170: ♂ (holotype: ♂, Russia: “Kargala bei Orenburg” [Orenburg Prov.: Tatarskaya Kargala, 10 km N Orenburg], MNHU).

CURRENT STATUS. A junior synonym of *Sphecodes miniatus* Hagens, 1882 (Blüthgen, 1923b: 508).

DISTRIBUTION. Russia: European part, Ural, Siberia, Far East; Europe (north to 62°), Mongolia (Astafurova & Proshchalykin, 2015).

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